

ROUTINE TEST

LV Power & Control Cables

Type & Size: 2x6 NYMHY

Customer :

Cable Elements	Results			Standard Value
Conductor:	CU-CLASS 5			CU-CLASS 5
Conductor (N0*Dia):	87x0.280			≤0.31
Conductor Resistance (Ω / km) At 20 °c (MAX)	3.22			3.30
Insulation:	Min	Mean	Max	
Thickness:	1.00	1.05	1.10	1.00
Nominal Diameter:	5.00	5.10	5.20	
Color Insulation	Black-Blue			
Insulation material	PVC-A			PVC-A
Volumetric resistance 70°C	6.9x10 ¹⁰			10 ¹⁰
Sheath	Min	Mean	Max	
Sheath (Thickness)	1.40	1.45	1.50	هر طرف کمتر از 1.24 انباشد
Overall Diameter	12.80	13.00	13.20	
Jacket material	PVC-ST1			Pvc-ST1
ELONGATION(Before Insulation aging)	245			150
ELONGATION (after Insulation aging)	230			150
TENSILE (Before Insulation aging)	13.25			12.5
TENSILE(after Insulation aging)	13.10			12.5
ELONGATION(amount of changes)	-6.12			±25
TENSILE (amount of changes)	-1.13			±25
ELONGATION(Before jacket aging)	220			150
ELONGATION (after jacket aging)	211			150
TENSILE (Before jacket aging)	15			12.5
TENSILE(after jacket aging)	14.84			12.5
ELONGATION(amount of changes)	-4.09			±25
TENSILE (amount of changes)	-1.06			±25

Long Term Res . To DC Voltage 8.4kv	No crack	No crack
Cable mark : ETEMAD ALBORZ WIRE&CABLE CO.2x6mm² NYMHY INSO 3569-1(0.6-1kv) 6668434966 MADE IN IRA		
شماره پیام اصلاکالا 10001517		